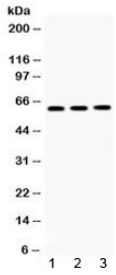
# TCP1 theta Antibody / CCT8 (R32478)

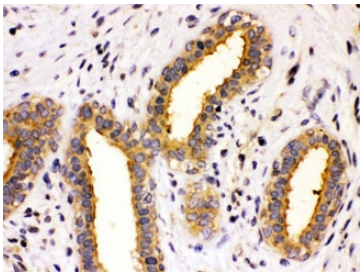
| Catalog No. | Formulation | Size |
|---|---|---|
| R32478 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

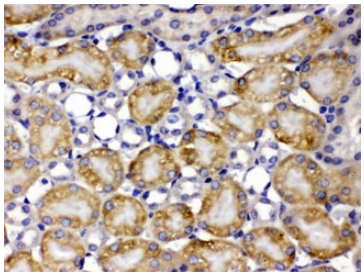
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse, Rat |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity |
| **Buffer** | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide |
| **UniProt** | P50990 |
| **Localization** | Cytoplasmic, membranous |
| **Applications** | Western blot: 0.5-1ug/ml<br>IHC (FFPE): 1-2ug/ml |
| **Limitations** | This TCP1 theta antibody is available for research use only. |



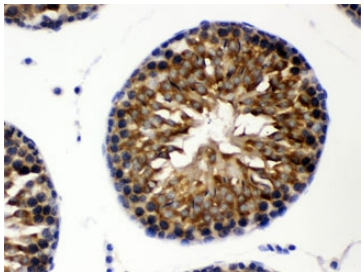

Western blot testing of 1) rat brain, 2) mouse brain and 3) human U-2 0S lysate with TCP1 theta antibody. Expected/observed molecular weight ~60 kDa.



IHC testing of FFPE human breast cancer tissue with TCP1 theta antibody at 1ug/ml. HIER: steam in pH6 citrate buffer and allow to cool prior to staining.



IHC testing of FFPE mouse kidney with TCP1 theta antibody at 1ug/ml. HIER: steam in pH6 citrate buffer and allow to cool prior to staining.



IHC testing of FFPE rat testis with TCP1 theta antibody at 1ug/ml. HIER: steam in pH6 citrate buffer and allow to cool prior to staining.

## Description

T-complex protein 1 subunit theta is a protein that in humans is encoded by the CCT8 gene. This gene encodes the theta subunit of the CCT chaperonin, which is abundant in the eukaryotic cytosol and may be involved in the transport and assembly of newly synthesized proteins. Alternative splicing results in multiple transcript variants of this gene. A pseudogene related to this gene is located on chromosome 1.

## Application Notes

Optimal dilution of the TCP1 theta antibody should be determined by the researcher.

## Immunogen

Amino acids K421-D548 from the human protein were used as the immunogen for the TCP1 theta antibody.

## Storage

Prior to reconstitution, store at 4oC. After reconstitution, the TCP1 theta antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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